

HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS

Basic Wild Type Adenovirus Genome



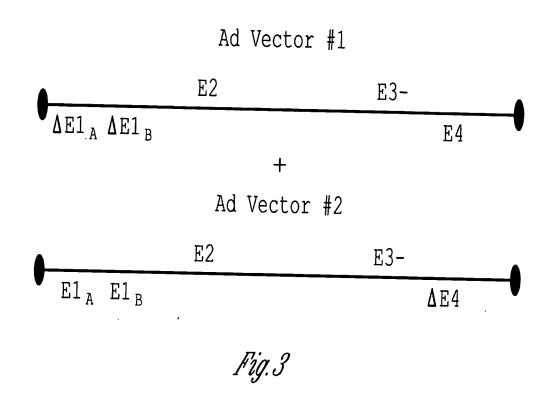
Fig. 1

Ad Vector #1 E2 E3 ΔE1_A ΔE1_B + Ad Vector #2 E2 E3 E1** E4

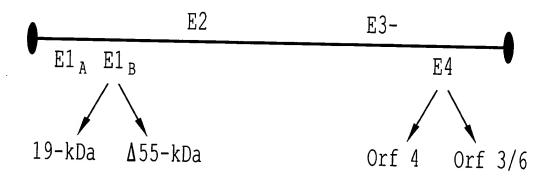
Fig.2



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 2 of 25 (Set 3 of 3)

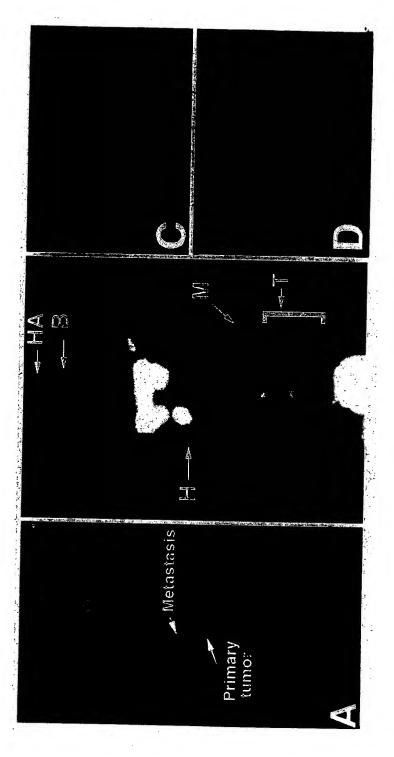


Improved Delivery using Tumor Restricted Replication





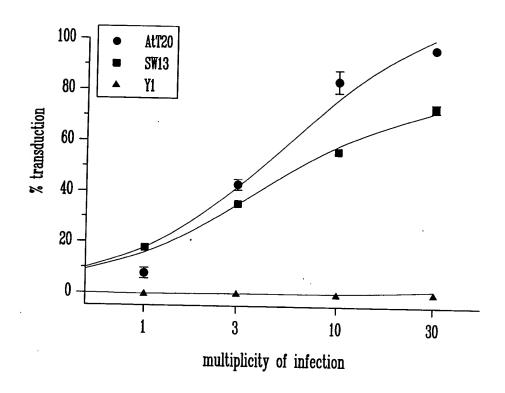
HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 3 of 25 (Set 3 of 3)



Pig.5

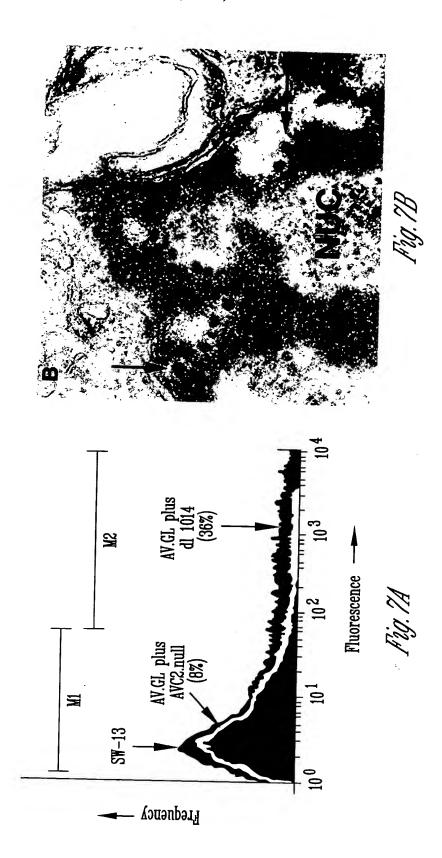


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 4 of 25 (Set 3 of 3)



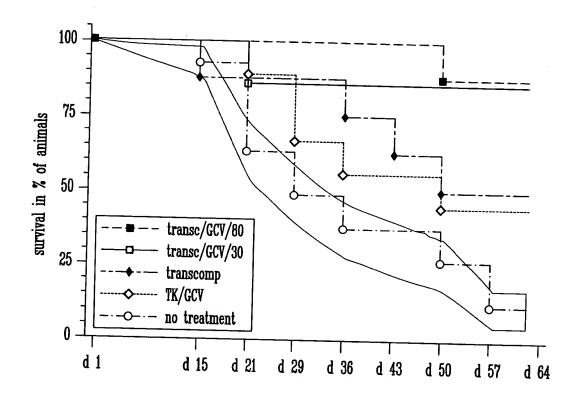


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 5 of 25 (Set 3 of 3)





HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 6 of 25 (Set 3 of 3)





HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 7 of 25 (Set 3 of 3)

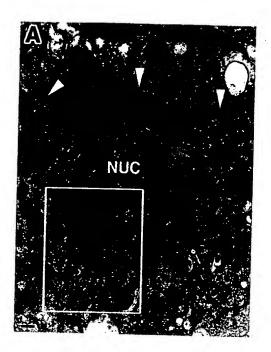


Fig. 9A

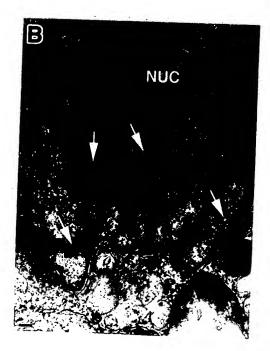


Fig.9B



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 8 of 25 (Set 3 of 3)



Fig. 10A

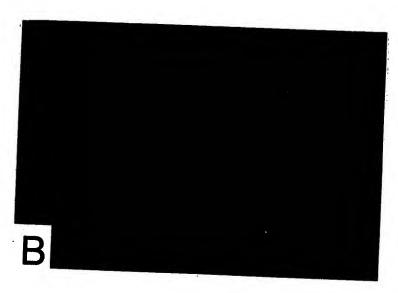
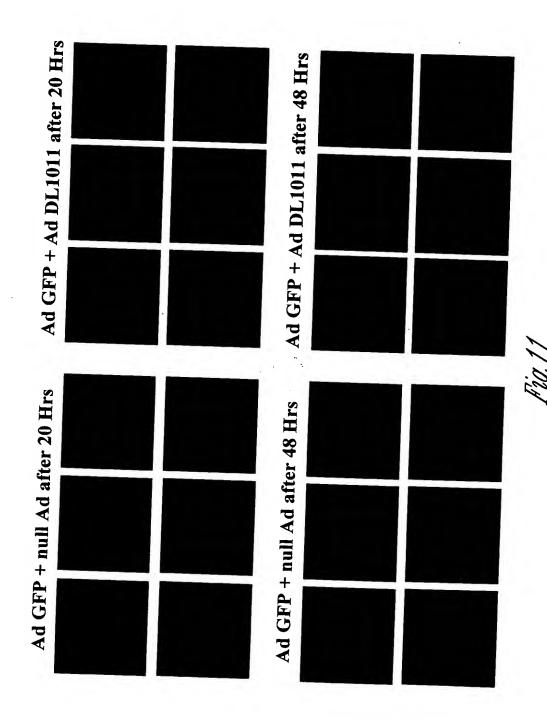


Fig. 10B

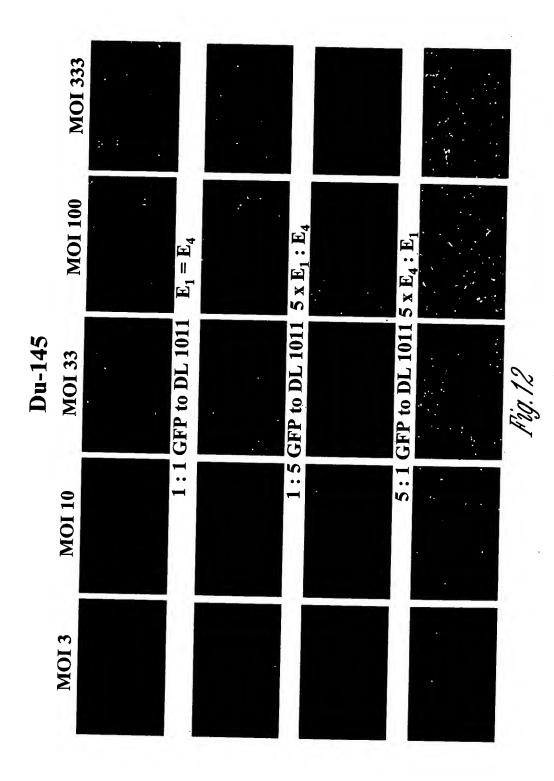


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 9 of 25 (Set 3 of 3)





HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 10 of 25 (Set 3 of 3)





HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 11 of 25 (Set 3 of 3)

HCT 115 96 Hours after Vector Administration

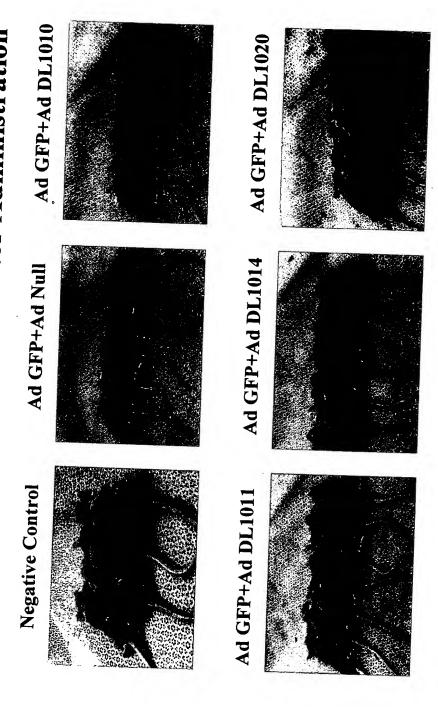
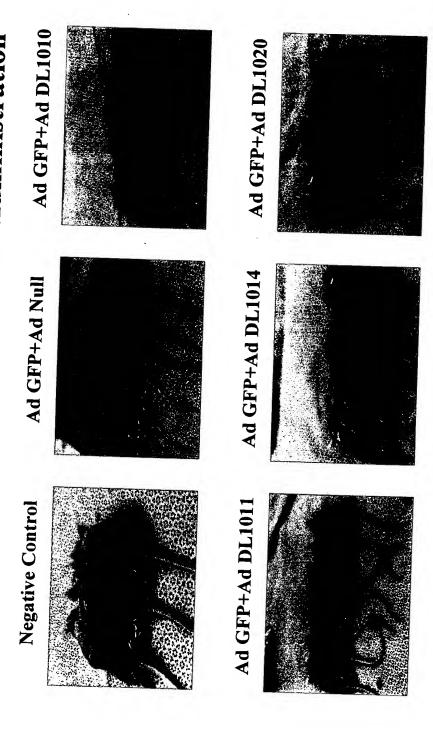


Fig. 13A



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 12 of 25 (Set 3 of 3)

HCT 115 120 Hours after Vector Administration



Pig. 13B



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 13 of 25 (Set 3 of 3)

HCT 115 144 Hours after Vector Administration

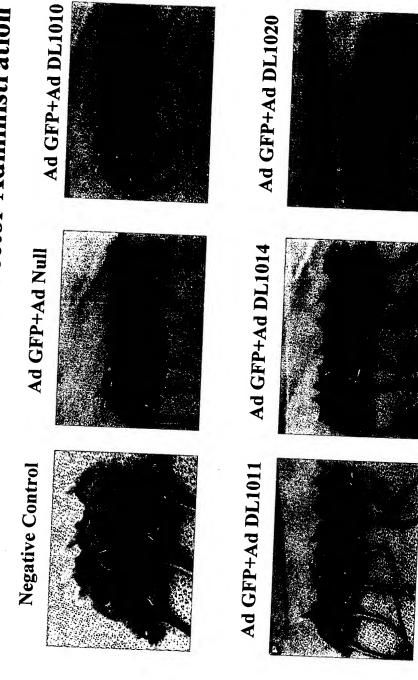


Fig. 13C



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 14 of 25 (Set 3 of 3)

HCT 116 96 Hours after Vector Administration

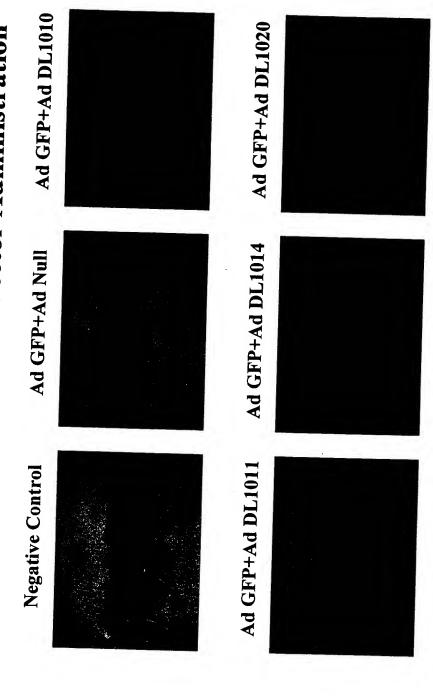


Fig. 144



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 15 of 25 (Set 3 of 3)

HCT 116 120 Hours after Vector Administration

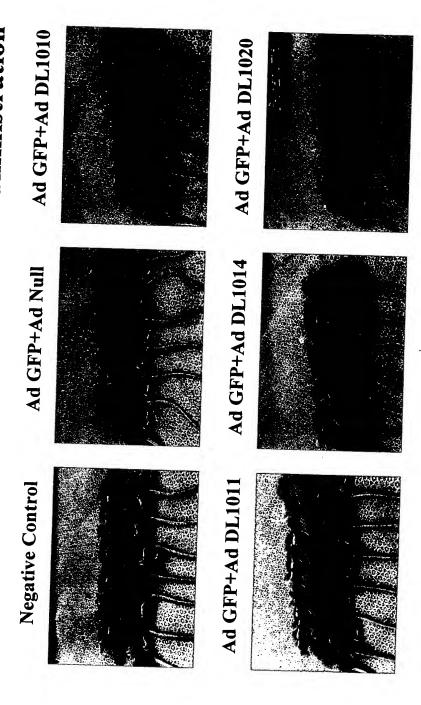
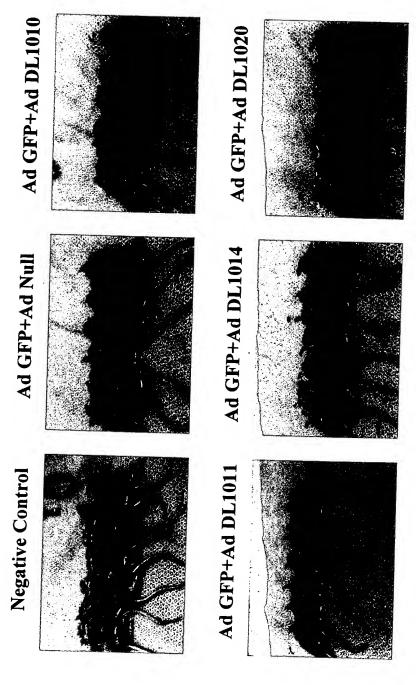


Fig. 14B



HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 16of 25 (Set 3 of 3)

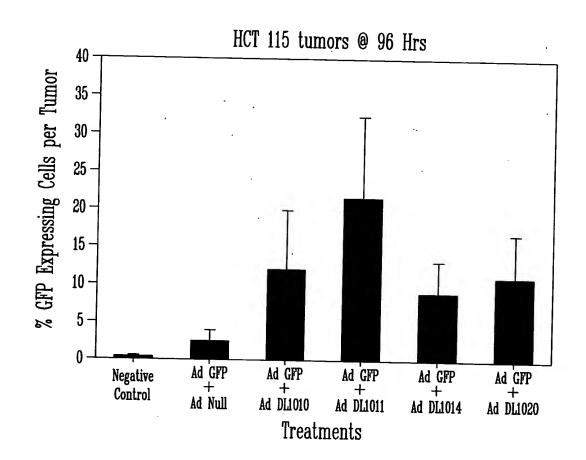
HCT 116 144 Hours after Vector Administration



Pig. 14C

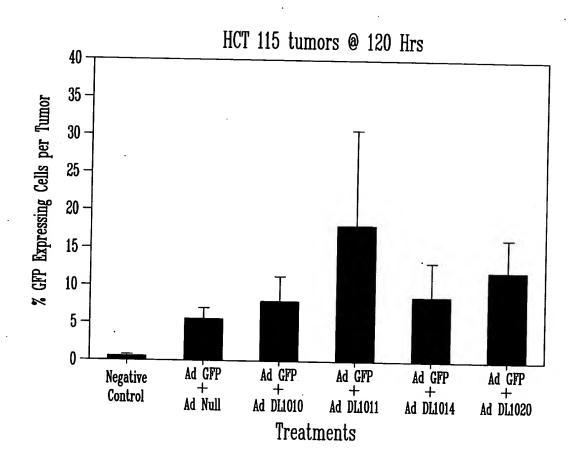


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 17 of 25 (Set 3 of 3)

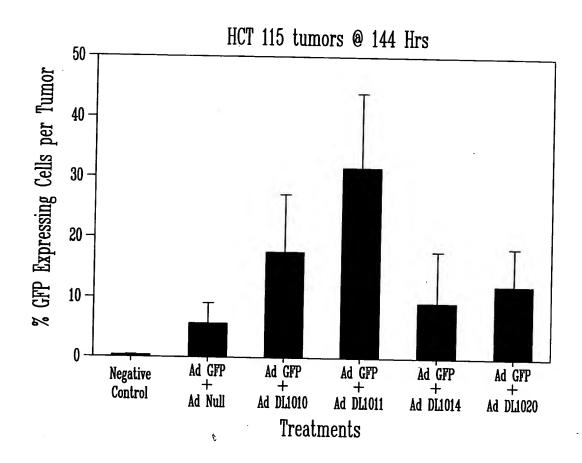




HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 18 of 25 (Set 3 of 3)

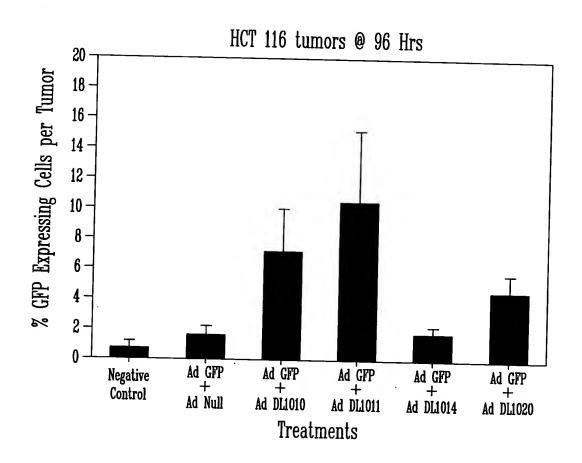


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 19 of 25 (Set 3 of 3)



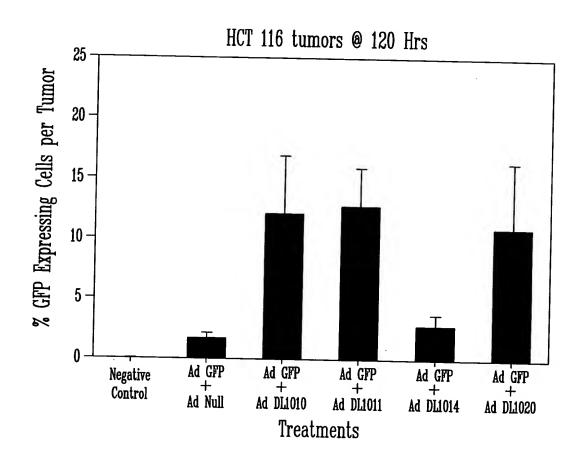


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 20 of 25 (Set 3 of 3)



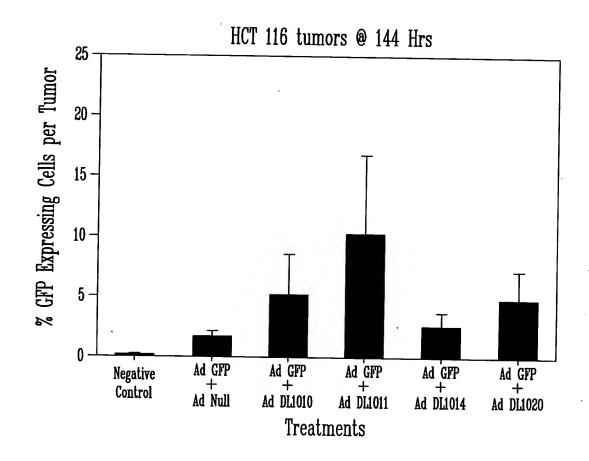


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 21 of 25 (Set 3 of 3)



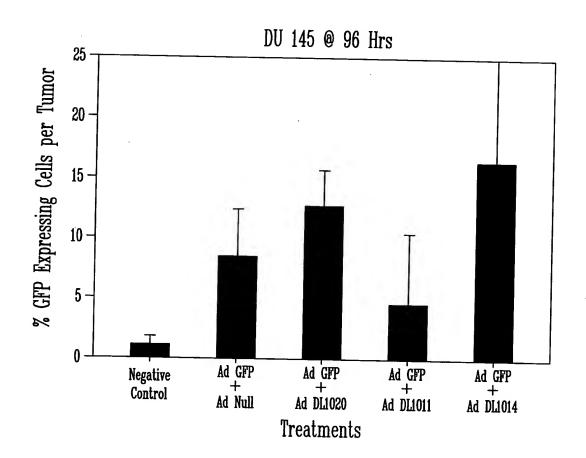


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 22 of 25 (Set 3 of 3)



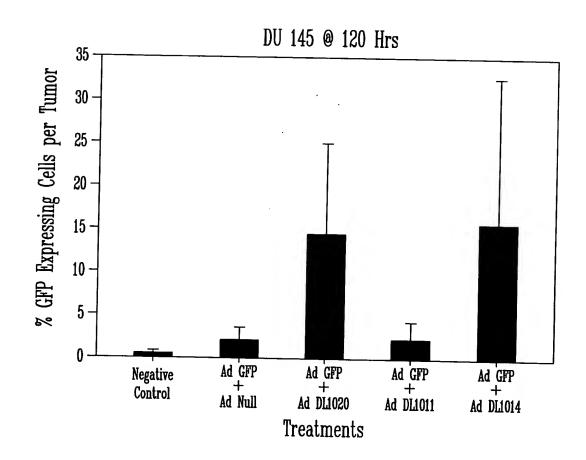


HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 23 of 25 (Set 3 of 3)





HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 24 of 25 (Set 3 of 3)





HIGGINBOTHAM et al. P04580US01 Application No. 09/871,183 METHODS AND COMPOSITIONS FOR EFFICIENT GENE TRANSFER USING TRANSCOMPLEMENTARY VECTORS Sheet 25 of 25 (Set 3 of 3)

